

IN THE CLAIMS:

Claims 1-3 (Cancelled)

4. (Previously Added) An electric motor comprising:

a case;

a rotor assembly, the rotor assembly residing inside the case, the rotor supported by the case for both rotary and linear motion;

means for linearly translating said rotor assembly with respect to the case;

means for rotating the rotor assembly with respect to the case; and

means for preventing rotation of the rotor assembly until the translating means linearly translates the rotor assembly.

5. (Previously Added) A method for operating an electric motor comprising:

restraining the rotation of a rotor assembly when the rotor assembly is in a first position;

energizing a translate coil, the energized coil interacting with the rotor assembly to linearly move the rotor assembly from the first position to a second position where the rotor assembly is free to rotate; and

energizing a rotation coil, said energized rotation coil interacting with the rotor assembly to rotate the rotor assembly.

6. (Previously Added) An electric motor comprising:

a case;

a rotor assembly, the rotor assembly residing inside the case, the rotor supported by the case for linear and rotary motion;

a first stator assembly residing inside the case, the stator having unequally spaced poles to induce the rotor to turn in a predetermined direction;

a second stator assembly residing inside the case to induce linear motion in the rotor; and

a restraining device, the restraining device preventing rotation of the rotor assembly until the rotor assembly is linearly moved by the second stator assembly.